



XL200

Making Automation Affordable for
Labs Everywhere



Automatic Clinical
Chemistry Analyzer

Optical solution for
small and medium
laboratories

For All Of Your
Routine Clinical Work:

200 Photometric tests/hour
360 tests/hour with ISE



TECHNICAL SPECIFICATION

System Type	Automatic clinical chemistry analyzer – open, random access system, STAT samples processing
Throughput	200 photometric tests/hour 360 tests/hour with ISE
Simultaneous measurement items	Max. 45 photometric tests + 4 ISE
Sample type	Serum, plasma, urine, CSF
No. of programmable parameters	No limit on Test parameters or Calculation items and 4 ISE parameters (Na, K, Cl, Li)
Assay methods	End-point, kinetic, ISE (direct potentiometry)
Calibration type	Linear (one point, multi point), exponential, polynomial, factor cubic spline, Logit-Log 4P, Logit-Log 5P
Optical system	Halogen lamp, 8 filters: 340, 405, 505, 546, 578, 600, 660 and 700 nm
Reagent tray	50 refrigerated positions (8-12°C) 5, 20, 50 ml reagent containers
Sample tray	39 positions: Outer ring – 30 position for samples Inner ring – 9 positions for blanks, standards, calibrators, controls and ISE solutions
Reagent dispensing	One dispensing probe with liquid-level sensor Dispensed volumes: R1 50-300 µl – adjustable in 1 µl step R2 10-200 µl – adjustable in 1 µl step
Minimal reagent volume	180 µl
Reaction tray	45 reusable hard glass cuvettes, optical path length 5 mm
Mixing system	Independent stirrer
QC	Levey-Jennigs charts, Westgard rules
Barcode reader	Built-in barcode reader for samples and reagents
Water consumption	Maximum 6 litres/hour
PC requirements	Operating system: MS Windows XP or MS Windows 7, Pentium 4, RAM 2 GB, HDD 200 GB
Power supply	220 V ± 10 %, 50 Hz ± 5%, 600 VA
Dimensions, weight	810 mm (w) x 800 mm (d) x 1 160 mm(h), 120 kg



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Specifications are subject to change without prior notice.

Pictures used only for representation purposes - subject to change without prior notice.

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